for the mistakes they contain it is owing to.
The printer never having done ony botanical Sauvies Island Augon Mar. 29th 1880 De de Sin Sours of March 12 Wilh parkages of plants was recieved last mail The plants are Very fine and give entire Satisfaction you will see by the aposite side of this sheet that I am offering plants for sale this season at there law rates Mow if you can Sell 10 comission on the Will alow you fun fur Sat as have them at \$16.00 per Set delivered angular in the United States free of charge less than full sets rest each And in all Casel Makere they do not give Satisfaction the money will be refunded Hants at present I will caleet all of the Eggeraciae that I can find and Send you a set of them to I also calect Mosses Techens & Siverworts and will sell them at the Usual rates and alow you a liberal commision on all you can sell I will callet a grate many plants besides the ones in this list that I wice sell at The same rates Will sent you a full list of them mext fall MISSOURI BOTANICAL copyright reserved GARDEN

The undersigned offers for sale the following list of dried plants, embracing 400 species and several varieties. Most of them do not grow east of the Rocky Mountains, and some are rare species of my own discovery. I offer the full set for \$20.00, or a selection of 100 species or more at \$6.00 per 100 species; less than 100 species, 10 cents each. Most of these have been determined by Dr. Gray and Prof. Watson of Harvard University. They will be of standard size and complete specimens. They will be ready for delivery about the first of September. Terms, cash when the plants are examined and found satisfactory. Those desiring any special class of plants, are requested to correspond with the undersigned. Respectfully,

SAUVIE'S ISLAND, Multnomah Co., Oregon.

1 Clematis ligusticifolia, Nutt. 2 Thalictrum occidentale, Gray. 3 T. palycarpum. Watson. 4 Anemone deltoidea, Hook. Itale Gray 5 A. nemorosa, L. var. 6 Trantvetteria palmata, var. occiden-7 Ranunculus orthorhynchus, Hook 8 R. glaberimus, Hook. 9 R. Hookerii, Regel. 10 R. Nelsonii, Gray. 11 R. Occidentalia, Nutt. 12 Caltha biflora, D. C. 13 Aquilegia formosa, Fisch. 14 Delphinum simplex, Dougl. 15 D. Menziesii, D. C. 16 D. trollifolium, Gray. 17 Cimicifuga elata. Nutt. 18 Actea spicata, var arguta, Torr. 19 Berberis aquifolium, Pursh. 20 B. nervosa, Pursh. 21 Achlys triphylla, D. C. 22 Vancouveria hexandra, Morr.&Dec. 23 Dicentra formosa, D C 24 Corydalis scoulerii, Hook 25 Dentaria tenella, Pursch 26 Cardamine angulata, Hook 27 C. cordifolia, Gray 28 Arabis perfeliata, Lam 29 A. arcuata, Gray 30 Sisymbrium incisum, engelm Var. filipes, Gray 31 Thelypodium lacinatum, Endl 32 Cheranthes Menziesii, Benth & Hk 33 Thysanocarpus pusillus, Hook 34 T. curvipes, Hook 35 Platyspermum scapigerum, hook 36 Viola glabella, Nutt 37 V. canine, var. adunca, Gray 38 V. Nuttallii, Gray 39 V. sarmentosa, Dougl 40 V. Beckwithii, T & G var 41 V. palustris, L 42 Silena Menziesii, Hook 43 S. Lyallii, Watson 44 S. Scoulerii, Hook 45 Arenaria macrophylla, Hook 46 A. Franklinii, Lougl 47 Stellaria nitens, Nutt 48 Sagena occidentalis, Watson 49 Claytonia siberica, L 50 C. perfoliata, Donn Var. spathulota, Watson 51 C. exigua, T&G 52 C. difusa, Nutt 53 C. parvifolia, Meq 54 C. linearis, Dougl 55 C. Carolinia, var. sessilifolia, Torr 56 Montia tontana, L 57 Lewisia rediviva, Pursch 58 Spraguea umbelata, Torr 59 Hypericum anagaloides, Cham 60 H. Scoulerii, Hook 61 idalcea malvaeflora, Grav 62 S. humilis, Gray 63 Geranium incisum, Nutt 64 Oxalis Oregana, Nutt 65 Enonymus occidentalis, Nutt 66 Pachystime myrsinites, Kaf 67 Ceanothus cuneatus, Nutt 68 C. integerrimus, Hook & Arn 69 C. prostratus, Benth 70 C. sanguineus. Pursh 71 C. velutinus, Dougl. 72 Rhamnus Purshiana, D C 73 Acer circinatum, Pursh 74 A. glabra, Torr 75 A. macrophylla, Pursh 76 Rhus diversiloba, T&G 77 Lupinus chamissonis, Esch 78 L. polyphyllus, Lindl 79 L. albicautis, Dougl 80 L. ornatus, Dougl 81 L. Jacophyllus, Dougl Le 82 L. lepidus, Dougl 83 L. Iaxiflorus, Dougl 84 L. micranthus, Dougl 85 Trifolium megacephalum, Nutt 86 T. eriocophalum, Nutt 87 T. longipes, Nutt 88 T. tridentata, Lindl 89 T. pauciflorum, Nutt 90 T. microcephalum, Pursh 91 T. cyatheferum, Lindl 92 Psoralia lanceolata, Pursh 93 P. physoides, Dougl 94 Astragalus Purshii, Dougl 95 A. Collinus, Dougl 96 A. Howellii, Gray 97 A. reventus, Grav 98 A. succumbens, Dougl

99 Hosackia decumbens, Benth

100 H. crassifolia. Benth

101 H. parviflora, Benth

102 H. bicolor, Dougl 103 H. Purshiana, Benth 104 Vicia gigantea, Hook 105 Lathyrus ornatus, Nutt 106 Prunus mollis, Wall-107 P. demissa, Wall-108 Nuttallia cerasiformis, T&G 109 Spiraea betulifolia, Pall 110 S. discolor, Pursh Var. dumosa, Watson 111 S. Douglasii 112 Potentilla glandulosa, Lindl 113 P. gracilis, Dougl 114 Rubus Nutkanus, Moq 115 R. spectabilis, Pursh 116 R. leucodermis, Dougl 117 R. ursinus, Cham & Sch 118 R. pedatus, Smith 119 Rosa gymnocarpa, Nutt 120 R. Nutkana, Presl 121 R. pisocarpa, Gray 122 Purshia tridentata, DC 123 Pirus rivularis, Dougl 124 P. sambucifolius, Cham & Sch 125 Crataegus Douglasti, Lindl 126 Saxifraga integrifolia, Hook 127 S. heterantha, Hook 128 S. punctata, L. 129 S. cæspitosa, L 130 S. bronchialis, var. cherleroides, 131 S. elegans, Nutt 132 Sulavantia Oregana, Watson 133 Bolandra Oregana, Watson 134 Talmiea Menziesii, T&G 135 Heuchera cylindrica, Dougl 136 H. mierantha, Doug! 137 Telima grandiflora, R B 138 T. parviflora, Hook 139 Suksdorfia violaceæ, Gray 140 Tiarella trifoliata, L 141 T. unifoliata, Hook 142 Mitilla caulescens, Nutt 143-M. trifida, Graham 144 M. pentandra, Hook 145 Chrysosplenium glechomæfo!ia, 146 Parnassia fimbriata, Koenig 147 Philadelphus Lewisii, Pursh 148 Whipplea modesta, Tor 149 Ribes Lobii, Gray 150 R. lacustra, var. parvulum, Gray 151 R. viscosissimum, Pursh 152 R. sanguineum, Pursh 153 R. bracteosum, Dougl 154 R. Hudsonianum, Kichard 155 R. cereum, Dougl 156 Sedum Oregana, Nutt 157 S. Douglasm, Hook 158 S. spatnulitolium, Hook 159 Tillæa angustifolia, Nutt 160 Epilobium minutum, Lindl 161 Œnothera albicaulis, Nutt 162 Œ. dentata, Cav 163 Œ. andena, Nutt 164 Godetia viminea, Spach 165 G. amæna, Lilj 166 G. tenella, Watson 167 boisduvalia densifiora, Watson 168 B. Torreyii, Watson 169 Clarkia rhomboidea, Dougl 170 Circæa pacifica, Asch & Mag 171 Gaura parviflora, Dougl 172 Mentzelia albicaulis, Dougl 173 M. lævicaulis, T&G 174 Megarrhiza Oregana, Torr Gray 175 Eryngium peteatatum v.juncifol m 176 Sanicula Menziesii, Hook 177 S. bipinatifida, Dougl 178 Carum Gairdnerii, benth & Hook 179 Œnanthe sarmentosa, Presl 180 Legisticum apiifolium, Benth&Hk 181 Peucedanum leiocarpum, Nutt 182 P. triturnatum, Nutt 183 P. simplex, Nutt 184 P. Hallii, Watson 185 P. utriculatum, Nutt 186 P. millefolium, Watson 187 P. macrocarpum, Nutt 188 P. Kerinosum, Geyer 189 P. dasycarpum, T&G 190 Ferula dissoluta, Watson 191 Giycosmia occidentalis, Nutt 192 Osmorhiza nuda, Torr 193 Fatsia horrida, Benth & Hook

204 Adenostylus nardosmia, Gray 205 Aster canescans, Nutt 206 A. savii, Nutt 207 A. Douglasii, Lindl 208 Erigeron speciosa, D G 209 E. fillifolium, Nutt 210 E. divergens, Nutt 211 Solidago elongata, Nutt 212 S. occidentalis, Nutt 213 S. humilis, var. confertiflora. 214 Grindelia discoidea, Nutt 215 Psilocarpus Oregana, Nutt 216 Wyethia angustifolia Nutt 217 W. amplexicaulis, Nutt 218 Gaillairdia aristata, Pursh 219 Chænactis Douglasii, Hook & Arn 220 Bahia lanata, Nutt 221 Blepharipappus seaber, Hook 222 Madia Nuttallii, Gray 223 M. racemosa, T&G 224 M. filipes, Gray 225 Gapalium Springleif, Hook & Arn 324 Scutellaria antirrhinoides, Benth 226 G. palustra, L 227 Antinaria dimorphia 228 A. racemosa 229 Crocedium multicaula, Hook 230 Arnica amplexicaulis, Nutt 231 A. cordifolia, Hook 232 A. latifolia, Bong 233 A. foliosa, Nutt 234 Senecio Bolandra, Gray 285 S. Bastigiarus, Nutt S. lugens, Richard 237 Tetorodymia canescans, D.C. -Var-exaltata Eaton 238 Malacothrix crepoides, Gray 239 Hieracium Scoulerii, Hook 240 H. albiflorum, Hook 241 H. trista, Willd 242 H. umbellatum, L 243 Crepis occidentalis, Nutt 244 Microseris lacinata, Gray, Var. procera, Gray 245 Troximum Chillense, Gray 246 T. grandiflora, Gray 247 Howellia aquatalis, Gray 248 Githopsis specularoides, Nutt 249 Campanula Scoulerii, Hook 250 Heterocodon rarflorum, Nutt 251 Vaccinum cæspitosa, v. abuscula, Gr 252 V. parvifolium, Smith 253 Arbutus Menziesii, Pursh 254 Arctostaphylos Navadensis, Gray 255 A. tomentosa, Dougl 256 Gaultheria myrsinites, Hook 257 G. shallon, Pursh 258 Menziesia ferruginea, Smith 259 Pyrola picta, Smith 260 Pyrola aphylla, Smith Leb 261 Trientalis Europæa, var. arctica, 262 T. E., var. latifolia, Torr 263 Fraxinus Oregana, Nutt 264 Erytheræa Douglasii Gray 265 Gentiana sceptrum, Grisib 266 Frasera nitida, Benth 267 Phlox Douglasii, Hook 268 P. speciosa, Pursh 269 Coloma grandifiora, Dougl 270 C. linearis, Nutt 271 C. gracilis, Dougl 272 C. heterophylla, Hook 273 Gilia tenella, Benth 274 G. squarosa, Hook & Arn 275 G. intertexta, Stued 276 G. capitata, Dougl 277 G. liniflora, var. pharnaceioides, Gr 278 Polemonium micranthum, Benth 279 Hydrophyllum capitatum, Dougl 280 Nemophylla parviflora, Dougl 281 Phacelia Menziesii, Torr 282 Romanzoffia sitchensis, Bong 283 Hesperochiron Californicus, Eaton 284 H. pumilus, T C Porter 285 Cynoglossum grande, Dougl 286 Echinospermum Redowskii, Lehm 287 Eritrichium Scoulerii, A D C 288 E. Californicum, D C 289 E. leiocarpum, Watson 290 E. pterocaryum, Torr 291 E. glomeratum, D C 292 Amsinkia lycopsoides, Lem Var. bracteosa, Gray 293 Mertinsia oblongifolium, Dougl 294 Lithospermum pilosum, Nutt 295 Convolvulus occidentalis, Gray 296 Collinsia grandiflora, Dougl 297 C. parviflora, Dougl

298 C. Rattanii. Gray

299 Tonella collinsioides, Nutt

302 Pentsteman Mensiesii, Hook

301 Chelon nemonsa, Dougl

300 Scrapularia Californica, Cham

Var. Newbernii, Gray

303 P. ovatus, Dougl 304 P. confertus, v. cerulea-purpureus, 305 P. venustus, Dougl 306 P. glandulosa, Dougl 307 P. Richardsonii, Dougl 308 Mimulus nanus, Hook 309 M. Lewisii, Pursh 310 M. alsinoides, Benth 3 1 M. rubellus, Gray 312-M. floribundus, Dougl 313 M. muschatus, Dougl 314 M. pilosus, Watson 315 Syntyhris rotundifolia, Gray 316 S. reniformis, Benth 317 Orthocarpus bracteosus, Benth 318 O. hispidus, Benth 319 O. pusillus, Benth 320 Pedicularis grænlandica, Ritz 321 Trichostema oblongeum, Benth 322 Monardella odoratissima. Benth 323 Micromeria Douglasii, Benth 325 Stachys ciliata, Dougl 326 Asarum caudatum, Lindl 327 Abrona millifra, Dougl 328 Eriogonum sphærocephalum, Dgl 329 E. harocleoides, Nutt 330 E. compositum, Dougl 331 E. vimineum, Dou 1 332 Rumex venosus, Pursh 333 R. occidentalis, Watson 334 Palygonum Davisiæ, Brewer 335 P. minimum, Watson 336 P. coarctatum, Miesner 337 P. imbricatum, Nutt 338 Erimocarpus sitigerus, Benth 339 Quercus garryana, Hook 340 Betula occidentalis, Hook 341 Alnus rubra, Bong 342 Salix Scouleriana, Barratt 343 S. sitchensis, Bong 344 S. lancifolia, Anders 345 S. sissilitolia Nutt Var. villea, Nutt o 346 Habenaria unalaskensis, Spring 347 H. leucostachys, Watson 348 Goodyearia Menziesii, Lindl 349 Corallorhiza mertinsiana, Nutt 350 Cypropedium Montanum, Dougl 351 Iris tenax, Dougl 352 Sisyrinchium bellum, Watson 353 S. grandiflora, Dougl 354 Allium Geverii, Watson 355 A. madidum, Watson 356 A. accuminatum, Hook 357 Brodiæa grandiflora, Smith 358 B. multiflora, Benth 359 B. lactea. Watson 360 B. Howellii, Watson 361 Camassia esculenta, Lindl 362 Smilacina sessilifolia, Nutt 363 Lillium Washingtonianum, Kell 364 L. Columbianum, Hanson 365 Fritillaria lanceolata, Pursh 366 F. pudica, Spring 367 Calochortus elegans, Pursh Var. nanus, Wood 368 C. Greenii, Gray 369 C. macrocaepus, Dougl 370 Prosartes Menziesii, Don 371 P. Oregana, Watson 372 Clintonia uniflora, Kunth 373 Trillium ovatum, Pursh 374 Stenanthium occidentale, Gray 375 Zygadenus venenosus, Watson 376 Xyrophyllum tenax, Nutt 377 Agrostis exarata, Trin 378 A. asperfolia, Trin 379 Palypogan littaralis, Smith 380 Coleanthus subtilis, Siedel 381 Eriocena cuspidata 382 Melica Geyerii, Monroe 383 Glyceria pauciflora, Presl 384 Elymus condensatus, Pursh 385 Hierochloa macrophylla. Thurber 386 Panicum scoparium, Lam 387 Beckmania erucæformis, Host 388 Polypodium falcatum, Kell 389 Gymnogramme triangularis, Kf 390 Chielanthes gracillima, Eaton 391 Cryptogramme acrostichoides, RBr 392 Pteris aquillina, v. lanuginosa, Hk 393 Lomaria spicant, Desv

GAR PAR

194 Cornus Nuttallii, Audobon

195 C. pubescens, Nutt

197 L. hispidula, Dougl

198 L. involucrata

196 Lonicera ciliosa, Poir

199 Sambucus glauca, Nutt

201 Gallium Littleii, Oaks

202 Nardosmia palmata, Hook

203 Serice carpus rigidus, Lindl

200 Vibarnum elipticum, Hook

394 Aspidium munitum, Kf

War sorratum, Woll

396 Woodsia Oregana, Eaton

397 W. Scopulina, Eaton

395 A. rigidum, var. argutum, Eaton

398 Botrychium ternatum, Swart

399 Selaginella Douglasii, Spring

400 Marsilea vestata, Hook & Grex

him and request him to send from the place, I would man P.S. Mingill M. Suksdort of White Salmon mapoints Isacker Balanderni Mir Munh 15 Arthur Oregon March 6th 1882 I Geor Engelman ger Dear Sin tu your letter of Feb. 18 th is at hand The Soetes you speak of has given me Some trauble and Shall be very glad if you can clear it up tirst, my brother I Joseph Howell) Sent it to Mr. Davenport un hut I don't. Think he reported u on it, at least if he did his reforthas got mis laged. Next Me Sent it to me Serino Matson. He calleant dectes leiospora m.s. But afterwards he wrote to me that he had found aut that it was

0 1 2 3 4 5 6 7 8 9 10 MISSOURI BOTANICAL GARDEN

Nuttallie hut I think I Sent him the undeveloped specamens from the Palles mixed with the Mature Specamens from Millwaukie Then I Sent Brop. Daniel C. Ealou Specamens from the Dalley and Specamens from Millankie a Mixed, as I Suposed them to Sa to be the Same Specie. to He reported the larger spemens ( the ones from Millwankie) te I Muttallii, The others to immature to determin On looking it uf I find 1/4 I have mutch better material Some of the best I have My brother found and colected or the immature specamens about the of first af June 1880, as it was The first sactes we had ever Seen here We suposed it was Nuttallie, but that being reported.

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

as a teresbudl specie we thaught perhaps this was not the Same as this during tie Ms gwowing Slason is Submerged A few weeks later I found the Spec from Millwante ie and Suposiement to be the Same I have Sent them and . together with the result as as above Stated I Ing the latter part of the Summer of 1880 hing at the Salles I visited the lacality where my frother found it and calle tea the l ripe Spicemens d'now send you and this is the first lime I have Sent any of them tea aut te As to habital, it st grows just below the mean the bank of the river When

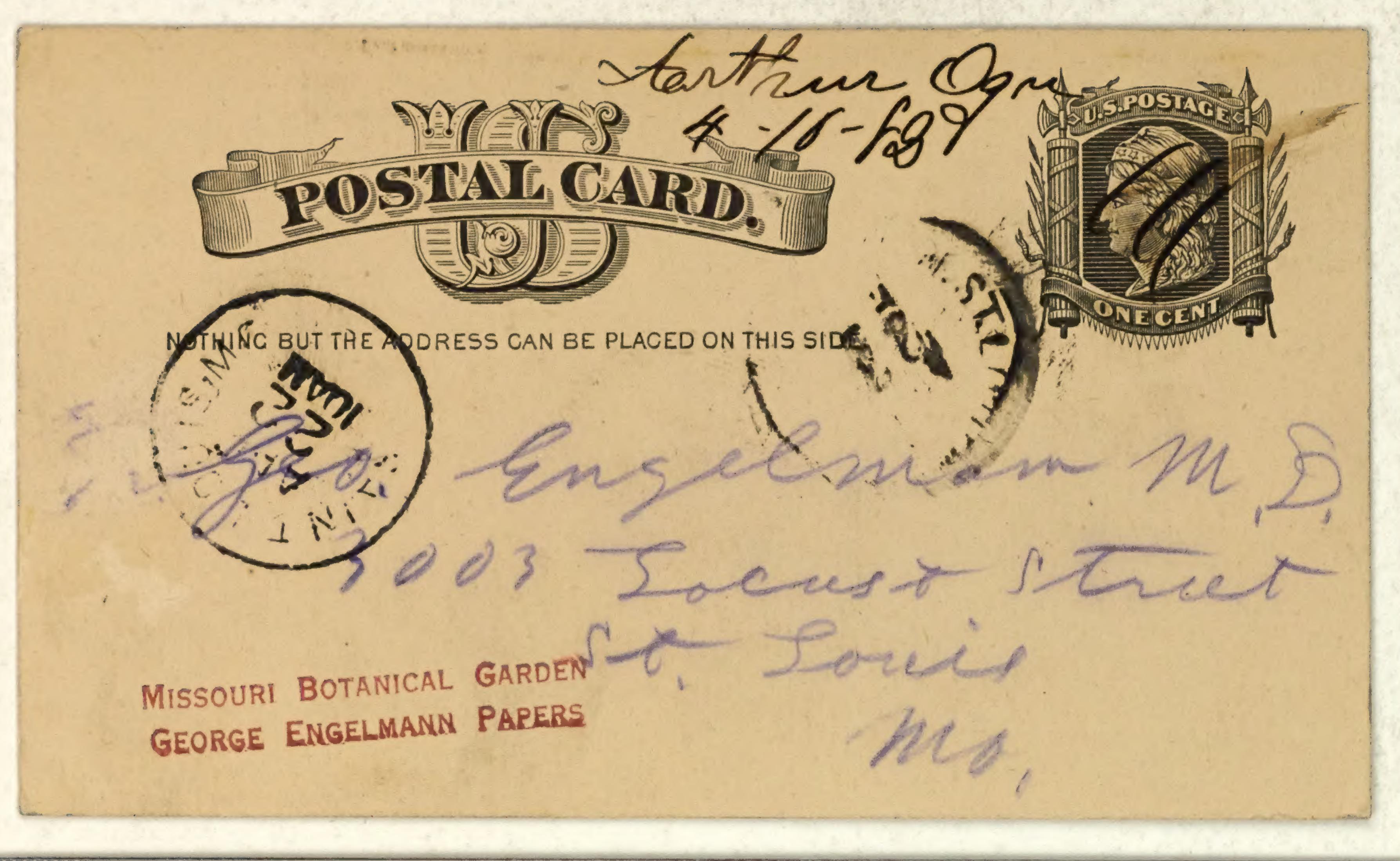
0 1 2 3 4 5 6 7 8 9 10 MISSOURI BOTANICAL GARDEN

Water was perhaps 3 feet deep in the certie of the pond, and the plants grew all the way from the edge of the water to the certire of the pond. When I visited the place the Water was all save having drye ut. probably by the heat of the Sun for I think the fond has no autlet being a hole Scooped aut of the Basalt nock. In the As to the Soil god it is a black much, you can judge of it from the wittle that remains on the roots of the mature Speaning, I have long desired a correspon danse with you as I Should like Virg mutch to have your assistans in determining some of MISSOURI BOTANICAL GARDEN Thomas & Howell GEORGE ENGELMANN PAPERS Arthur GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

Arthur Drya April 1802 De on sin you letter of means 15th War duly received than Bun and was from home so could not answer of you specamens of all the I set this Salles & at Milleuankie. and I am selections for the only with it at quetion chrockets







Rec Soul 27 an orl 16 Arthur Dregon Syx 15th 1880 Dr Geo. Grize Cman Dear Prin With this Sind you a Small package of Juneus De, and ask you to be So kind as to look at them and let me know your determination of them, They wer all colected this Season at the following places and dates. No 2 miner may forest by the Columbia river mear the Cascades Nos - Mery common on Mount Adams at midel clavations Aug 12th 1889 MISSOURI BOTANICAL

copyright reserved cm

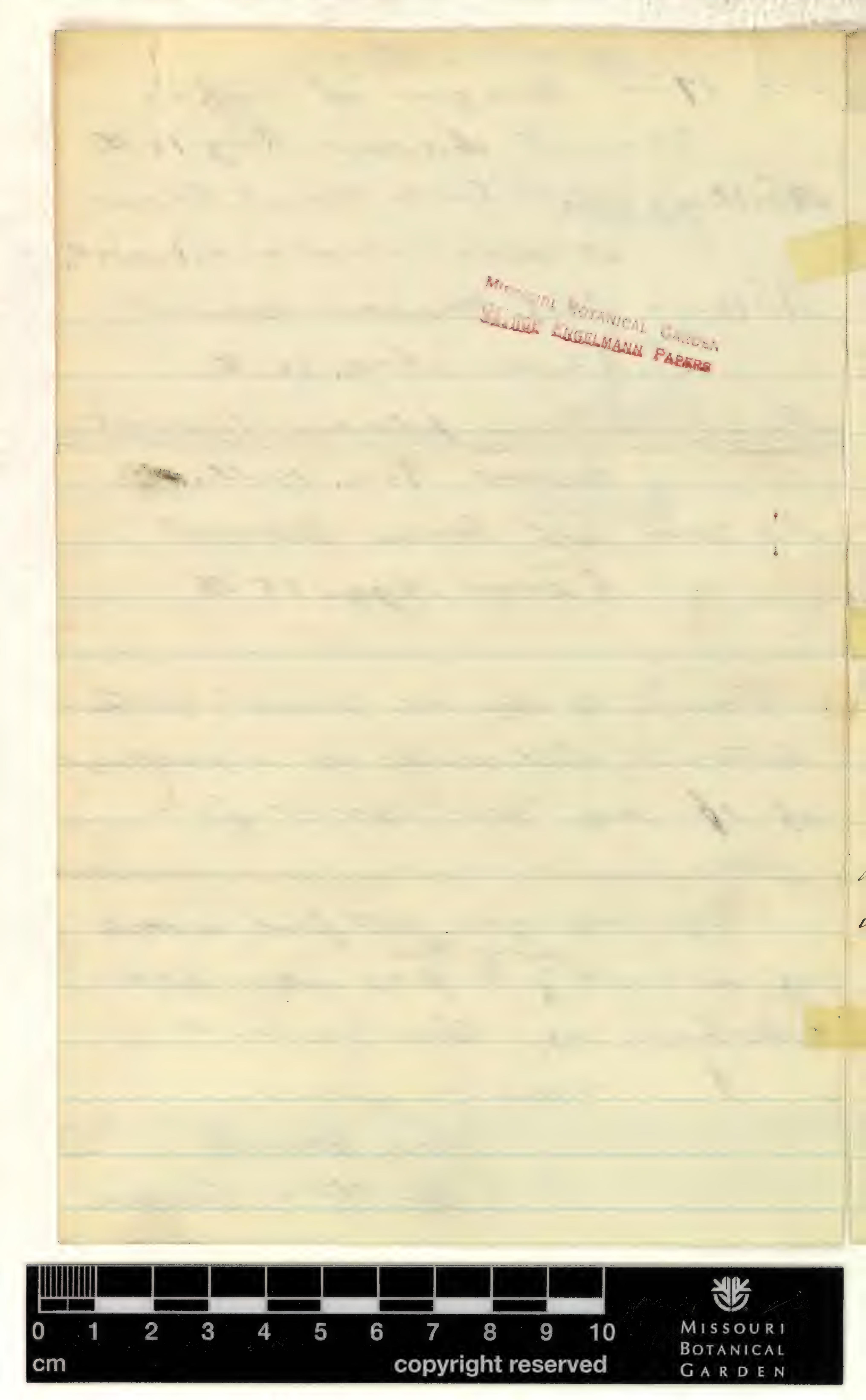
GARDEN

Noy - mount Adams Aug. 12th (rane) ut high elevation Addmis Aug 10th ( rare) No 6 flooting July 10 th. midel elevations obus 12th No 7 - The Spring nuns Willamette Nally July Both No 8 - with the last. July 8th No 9 - With the last. July set No 10 - In bogs, Sauvier Island Julighe Julien 15 th No 11 - Spring runs Willameth Valley July 8th No 12 With the last July 8th. No 14 - Sandy Sea Shore Tillomook No15 - Travley bard of the Columbia river Umatilla May 10 No 16 - Spring runs Schunton augoir June 4th

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

No 17 - Margins of Cakes Mount Adams Ang 14th at mide le elevations Aug. 14th. No 19 - Wet Meadows mount Frank Aug. 16 th. No 20 mg places Mount No 21 - Wet banks Mount Adams Ayg, 15th When I make me seneral distaibution I Will make up a package af af my new Species for Hopeing you will find ensuch af interest to pay you for torking up these June i be. I remain gours Thos. Howell Arthur Oregon MISSOURI 6

BOTANICAL copyright reserved cm GARDEN



Rev Jan 10th THOMAS HOWELL COLECTOR OF ARTHUR OREGON. Dec 25 1882 Dear Me Engelmann. With this I Sende you a little package of plants as I promised zon I would do I put in a few that I could not make out hoping you Wauld assist me a little No 22 Salix - 3 fram mount Adams W. J. It grows about Ho 23 I can not make out atall It grew in the mill Pance dt the Dalles Origan Syst 1882 No 24 Eliacharis — ? grows an Sauvier Island Cn. Sept 1882. It appars to be annual our MISSOURI

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

MISSOURI BOTANICAL CARREST No. 25 Isoetes Howellin Fat least No 26 Isates —; from 14 miles below the Palles. In a Shallow Pour No 27 Isoutes mons, In Shallow fonds at Haad niner aregan No 28 Isoetes Nuttalliit snows among Scrub aaks at Woodkurn (Willamette Nalley) Oregon not in water I send you the best specamens I have of Pirus Sambucipolia if They are not Satisfactory I will try and get you better, ones next year I also Send zon more of the Tuyula- 5.003 This is the best fruit I have at present At any time Should you want any plants for study let me Know What you lack and Will do the best I can for you yours Howell.

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

An March 26 THOMAS HOWELL
Collector of ARTHUR OREGON. March 121883 Dear Ston, Engelmanns your Cara of gan, 28th was duff ricinea. I am vers Jarry the fackage was loss for I cannot duplicate it With as good Spicomens as was int With This I send you anothe package containing the Same Spicies So for as I can remember them of The Ingula (No3 of my pirst sena ing) I have no ripe fruit. What I colected for mye frunt turns out to be capsuls filled With some Kind of Jungus MISSOURI

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

It is possable that I May have get the tunous nomber for your address on the last package if so it is perhaps at your P.O. yours Thos Howell the state of the s Till Camera Carlo the the many of the commendant of the The the there are an all the contract to MISSOURI BOTANICAL GAPPENS
GEORGE ENGELMANN PAPERS MISSOURI 6

BOTANICAL copyright reserved cm GARDEN